

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/002726

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12P7/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>LIESE A ET AL: "A NOVEL REACTOR CONCEPT FOR THE ENZYMATIC REDUCTION OF POORLY SOLUBLE KETONES"</p> <p>JOURNAL OF MOLECULAR CATALYSIS. B, ENZYMATIC, ELSEVIER, AMSTERDAM,, NL, vol. 4, no. 1/2, 2 January 1998 (1998-01-02), pages 91-99, XP001155214</p> <p>ISSN: 1381-1177</p> <p>abstract; figures 1-2; paragraph joining pages 93 and 94</p> <p style="text-align: center;">----- -/--</p>	1-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*B\* document member of the same patent family

Date of the actual completion of the international search

4 August 2004

Date of mailing of the international search report

17/08/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>JONSSON A ET AL: "Thermodynamic and kinetic aspects on water vs. organic solvent as reaction media in the enzyme-catalysed reduction of ketones" BIOCHIMICA ET BIOPHYSICA ACTA. PROTEIN STRUCTURE AND MOLECULAR ENZYMOLOGY, ELSEVIER, AMSTERDAM,, NL, vol. 1430, no. 2, 19 March 1999 (1999-03-19), pages 313-322, XP004278628 ISSN: 0167-4838 abstract; table 2; page 315, left-hand column, first paragraph</p>	1-9, 11-14
Y	<p>GROEGER H ET AL: "Practical asymmetric enzymatic reduction through discovery of a dehydrogenase-compatible biphasic reaction media" ORGANIC LETTERS, ACS, WASHINGTON, DC, US, vol. 5, no. 2, 23 January 2003 (2003-01-23), pages 173-176, XP002257501 ISSN: 1523-7060 cited in the application abstract; page 174, right-hand column, lines 1-2 and 12-13; page 175, left-hand column, second paragraph; scheme 2; tables 1-2</p>	1-14
Y	<p>DE CARVALHO CARLA C C R ET AL: "Maintenance of cell viability in the biotransformation of (-)-carveol with whole cells of Rhodococcus erythropolis." JOURNAL OF MOLECULAR CATALYSIS B ENZYMATIC, no. 19-20, 2 December 2002 (2002-12-02), pages 389-398, XP002285094 ISSN: 1381-1177 abstract; page 390, left-hand column, lines 36-37; page 390, right-hand column, paragraph 2.3.1; page 391; right-hand column, last paragraph; table 1</p>	1-14
Y	<p>SCHMID ANDREAS ET AL: "Preparative regio- and chemoselective functionalization of hydrocarbons catalyzed by cell free preparations of 2-hydroxybiphenyl 3-monooxygenase" JOURNAL OF MOLECULAR CATALYSIS B ENZYMATIC, vol. 11, no. 4-6, 22 January 2001 (2001-01-22), pages 455-462, XP002285095 ISSN: 1381-1177 abstract; table 1</p>	1-14
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>KATO T ET AL: "An enzymatic cycling method for nicotinamide-adenine dinucleotide with malic and alcohol dehydrogenases."</p> <p>ANALYTICAL BIOCHEMISTRY. MAY 1973, vol. 53, no. 1, May 1973 (1973-05), pages 86-97, XP001173033</p> <p>ISSN: 0003-2697</p> <p>abstract</p>	13
Y	<p>KATO T ET AL: "Enzymatic determination of galactosylceramide galactosidase in tissues by NAD cycling."</p> <p>ANALYTICAL BIOCHEMISTRY. OCT 1982, vol. 126, no. 1, October 1982 (1982-10), pages 44-51, XP009032385</p> <p>ISSN: 0003-2697</p> <p>abstract</p>	13
A	<p>US 6 242 234 B1 (KULA MARIA-REGINA ET AL)</p> <p>5 June 2001 (2001-06-05)</p> <p>cited in the application</p> <p>scheme 1; examples 6 and 7</p>	

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2004/002726

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6242234	B1	05-06-2001	DE	19753350 A1	10-06-1999
			AT	233815 T	15-03-2003
			CA	2253021 A1	03-06-1999
			DE	59807382 D1	10-04-2003
			EP	0926240 A2	30-06-1999
			JP	11225784 A	24-08-1999
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